

 CARLO GAVAZZI CARLO GAVAZZI SPACE SpA	<h1>AMS02-PDS</h1>	DOC N°: PDS-RP-CGS-007 ISSUE : 1 DATE: 23/05/2008 PAGE : 1 of 2
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INSPECTION REPORT

APPLICABLE DOC. REF. AMS02-PDS PFM Manufacturing and Inspection Plan PDS-PL-CGS-001 is. 1	PROC. REF. N.A.
ITEM INSPECTED (Name, P/N, S/N) AMS02-PDS PFM – Esem 1-A PIGGY BACK ASSY p/n:11-AMS02PDS-610.00 s/n:07-032/A — Inspection Point.	
REQUIREMENT SATISFIED Manufacturing according to aerospace standards	
INSPECTION (Action/Results) <u>DESCRIPTION</u> Inspection was performed at Carlo Gavazzi Space premises starting on 23 May 2008 and was carried out on the following board, detail of the inspected board was below reported: 1) Esem 1-A PIGGY BACK ASSEMBLY p/n:11-AMS02PDS-610.00 s/n:07-032/A. <u>HARDWARE REVIEW</u> 1) Esem 1-A PIGGY BACK ASSEMBLY p/n:11-AMS02PDS-610.00 s/n:07-032/A, Assy:11-AMS02PDS-610.00 rev./, Parts List:11-AMS02PDS-610.01 rev.A, Electrical Scheme:11-AMS02PDS-610.02 rev./, Master PCB:11-AMS02PDS-610.03 rev./. The following NCR was presented during the inspection: <ul style="list-style-type: none"> NCR-PDS-CGS-C-023(over voltage protection missing), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the added wires with adhesive EC 2216 B/A, perform a visual inspection of the previous rework. The following PLVS (Parts List Variation Sheet) was presented during the inspection: <ul style="list-style-type: none"> 11-AMS02PDS-610.01 rev A - A1 can be considered closed. 11-AMS02PDS-610.01 rev A – A2 can be considered closed. 11-AMS02PDS-610.01 rev A – A3 can be considered closed. 11-AMS02PDS-610.01 rev A – A4 can be considered closed. On the pcb the U35 (AD590) component is not mounted. The H/W has been visually inspected and is ok:no damage, visible clean is ok.	
Operator Signature Date	Quality Assurance C.C. E. FRANCHINI 23/05/08 C.C. CINQUEPACCHI 3/6/08



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INSPECTION (Action/Results)

CONCLUSION

All solder joints are of adequate quality, the soldering process complies to ECSS-Q-70-08 and ECSS-Q-70-38, all modifications are performed according to ECSS-Q-70-28.

The open points are here listed:

- 1) NCR-PDS-CGS-C-023(over voltage protection missing), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the added wires with adhesive EC 2216 B/A, perform a visual inspection of the previous rework.
- 2) The U35 (AD590) component is not mounted.

Operator

Quality Assurance

C.C.

Signature

Date

E. FRANCHI

23/05/08 *[Signature]*

C. CINQUEPALMI

[Signature]
31/6/08